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<110> Bateman, John
Fitzgerald, David

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| aggaagctgg | ggaggctgct | gtcaccggg | caccgcccct | gccccacccc | gcctttggga | 7680 |
| atgctccctc | ctccgcacaa | tccaggcttc | tgcagaagat | gaagggcctt | ttgtccccag | 7740 |
| ctggctgtgg | tcatgtttga | ccctgggtta | aagggcaact | cctgaggcct | ctgaccccac | 7800 |
| ccctgacccc | agctgagggc | aggacgccc | ggcccgacc | cggcgccctt | tgttgctgtt | 7860 |
| ttcacgtatc | tcacaaacgt | actcaagcac | acacaggagc | agatggacgg | ggcgggtgag | 7920 |
| ggcagcagt | gtgaggggca | gcggcggtga | ggggcagcgg | cgggtagggg | cagcgggtgc | 7980 |
| ggcctgaggc | actgctctgg | ggtgtgcctg | agcccacccc | acaacagtaa | gtggggcaga | 8040 |
| gcaggggtca | ccaagagagc | agggcccacg | cagctcctag | actcaacctg | ctcactgggg | 8100 |
| tcaaggacag | gtcttggggg | cctcgggggt | cactttttcac | ttcccaggag | cccaggcctg | 8160 |
| ccctcttgcc | cccagagctg | acccccctca | gtcccccggt | ccagcagcag | ctgggggtgg | 8220 |
| gggtagacac | ctggcgggta | gcagcctggg | taggggtggg | agctgcacca | tctgcgtctg | 8280 |
| tccatccatc | cctcgtctgt | gtgctgggca | cagccgcgcc | ccagcctcag | tgctggggac | 8340 |
| acacaggcgc | cgggccagca | ctgccaggct | aggagggtgg | gcggtgaaca | gctaggaaag | 8400 |
| atacgggtcta | cttgttttcc | ctgtgagaac | agggggtcac | tggggactcg | cacgcaaggg | 8460 |
| gtacccgagg | aagagccttc | caggcagaga | gaaggaaccg | cgagtgtctg | gagcagggtg | 8520 |
| gggtgggcag | gaggggcctg | cgccaggact | gcaggggcag | agcaggctgg | gggccttcgg | 8580 |
| gaggggtggc | cgggtggagg | gtgttgccgg | cctcgacagg | ggcaggaggt | tcgtcacagc | 8640 |
| gaggacagag | cccggccccg | tgggagccgg | agagcagcag | gcctgaatga | cccagggttt | 8700 |
| cctaatagca | gggccccctc | cttgtgtggg | tccccctact | ttgcctctct | gctgggacat | 8760 |
| ccttccttga | aagggagagg | aggaccacat | gctgcccctt | ccccagacac | agtccagaca | 8820 |
| ggcccaggcc | acagccctgg | gcagacgcaa | aactcccagg | ggcctggact | gggataggga | 8880 |
| ggaggcagca | gggagggact | gacctatgtc | cacacaccac | aagggactcc | cagaggcggg | 8940 |
| tggggcgagg | ctgggagcag | gggccttagc | cctcagacca | gcccactcac | cctggggagt | 9000 |
| tcctgcccc | cagcctgccc | agcttacagg | cctgggggca | ggggcaggcc | agcacaggcc | 9060 |

<210> 20

<211> 418

<212> PRT

<213> Homo sapiens

<400> 20

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Met | Leu | Pro | Trp | Thr | Ala | Leu | Gly | Leu | Ala | Leu | Ser | Leu | Arg | Leu | Ala |
| 1 | | | | 5 | | | | 10 | | | | | | 15 | |
| Leu | Ala | Arg | Ser | Gly | Ala | Glu | Arg | Gly | Pro | Pro | Ala | Ser | Ala | Pro | Arg |
| | | 20 | | | | | | 25 | | | | | 30 | | |
| Gly | Asp | Leu | Met | Phe | Leu | Leu | Asp | Ser | Ser | Ala | Ser | Val | Ser | His | Tyr |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Glu | Phe | Ser | Arg | Val | Arg | Glu | Phe | Val | Gly | Gln | Leu | Val | Ala | Pro | Leu |
| | 50 | | | | | 55 | | | | | 60 | | | | |
| Pro | Leu | Gly | Thr | Gly | Ala | Leu | Arg | Ala | Ser | Leu | Val | His | Val | Gly | Ser |
| 65 | | | | | 70 | | | | 75 | | | | | 80 | |
| Arg | Pro | Tyr | Thr | Glu | Phe | Pro | Phe | Gly | Gln | His | Ser | Ser | Gly | Glu | Ala |
| | | | 85 | | | | | 90 | | | | | | 95 | |
| Ala | Gln | Asp | Ala | Val | Arg | Ala | Ser | Ala | Gln | Arg | Met | Gly | Asp | Thr | His |
| | | 100 | | | | | | 105 | | | | | 110 | | |
| Thr | Gly | Leu | Ala | Leu | Val | Tyr | Ala | Lys | Glu | Gln | Leu | Phe | Ala | Glu | Ala |
| | 115 | | | | | | 120 | | | | | 125 | | | |

Ser Gly Ala Arg Pro Gly Val Pro Lys Val Leu Val Trp Val Thr Asp
 130 135 140
 Gly Gly Ser Ser Asp Pro Val Gly Pro Pro Met Gln Glu Leu Lys Asp
 145 150 155 160
 Leu Gly Val Thr Val Phe Ile Val Ser Thr Gly Arg Gly Asn Phe Leu
 165 170 175
 Glu Leu Ser Ala Ala Ala Ser Ala Pro Ala Glu Lys His Leu His Phe
 180 185 190
 Val Asp Val Asp Asp Leu His Ile Ile Val Gln Glu Leu Arg Gly Ser
 195 200 205
 Ile Leu Asp Ala Met Arg Pro Gln Gln Leu His Ala Thr Glu Ile Thr
 210 215 220
 Ser Ser Gly Phe Arg Leu Ala Trp Pro Pro Leu Leu Thr Ala Asp Ser
 225 230 235 240
 Gly Tyr Tyr Val Leu Glu Leu Val Pro Ser Ala Gln Pro Gly Ala Ala
 245 250 255
 Arg Arg Gln Gln Leu Pro Gly Asn Ala Thr Asp Trp Ile Trp Ala Gly
 260 265 270
 Leu Asp Pro Asp Thr Asp Tyr Asp Val Ala Leu Val Pro Glu Ser Asn
 275 280 285
 Val Arg Leu Leu Arg Pro Gln Ile Leu Arg Val Arg Thr Arg Pro Glu
 290 295 300
 Glu Ala Gly Pro Glu Arg Ile Val Ile Ser His Ala Arg Pro Arg Ser
 305 310 315 320
 Leu Arg Val Ser Trp Ala Pro Ala Leu Gly Ser Ala Ala Ala Leu Gly
 325 330 335
 Tyr His Val Gln Phe Gly Pro Leu Arg Gly Gly Glu Ala Gln Arg Val
 340 345 350
 Glu Val Pro Ala Gly Arg Asn Cys Thr Thr Leu Gln Gly Leu Ala Pro
 355 360 365
 Gly Thr Ala Tyr Leu Val Thr Val Thr Ala Ala Phe Arg Ser Gly Arg
 370 375 380
 Glu Ser Ala Leu Ser Ala Lys Ala Cys Thr Pro Asp Gly Pro Arg Pro
 385 390 395 400
 Arg Pro Arg Pro Val Pro Arg Ala Pro Thr Pro Gly Thr Ala Ser Arg
 405 410 415
 Glu Pro

<210> 21
 <211> 415
 <212> PRT
 <213> Mus musculus

<400> 21
 Met Leu Phe Trp Thr Ala Phe Ser Met Ala Leu Ser Leu Arg Leu Ala
 1 5 10 15
 Leu Ala Arg Ser Ser Ile Glu Arg Gly Ser Thr Ala Ser Asp Pro Gln
 20 25 30
 Gly Asp Leu Leu Phe Leu Leu Asp Ser Ser Ala Ser Val Ser His Tyr
 35 40 45
 Glu Phe Ser Arg Val Arg Glu Phe Val Gly Gln Leu Val Ala Thr Met
 50 55 60
 Ser Phe Gly Pro Gly Ala Leu Arg Ala Ser Leu Val His Val Gly Ser
 65 70 75 80
 Gln Pro His Thr Glu Phe Thr Phe Asp Gln Tyr Ser Ser Gly Gln Ala
 85 90 95
 Ile Arg Asp Ala Ile Arg Val Ala Pro Gln Arg Met Gly Asp Thr Asn

| | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| | | | 100 | | | | | 105 | | | | | 110 | | | | |
| Thr | Gly | Leu | Ala | Leu | Ala | Tyr | Ala | Lys | Glu | Gln | Leu | Phe | Ala | Glu | Glu | | |
| | | 115 | | | | | 120 | | | | | 125 | | | | | |
| Ala | Gly | Ala | Arg | Pro | Gly | Val | Pro | Lys | Val | Leu | Val | Trp | Val | Thr | Asp | | |
| | 130 | | | | | 135 | | | | | 140 | | | | | | |
| Gly | Gly | Ser | Ser | Asp | Pro | Val | Gly | Pro | Pro | Met | Gln | Glu | Leu | Lys | Asp | | |
| 145 | | | | 150 | | | | | | 155 | | | | | 160 | | |
| Leu | Gly | Val | Thr | Ile | Phe | Ile | Val | Ser | Thr | Gly | Arg | Gly | Asn | Leu | Leu | | |
| | | | 165 | | | | | 170 | | | | | | 175 | | | |
| Glu | Leu | Leu | Ala | Ala | Ala | Ser | Ala | Pro | Ala | Glu | Lys | His | Leu | His | Phe | | |
| | | 180 | | | | | 185 | | | | | | 190 | | | | |
| Val | Asp | Val | Asp | Asp | Leu | Pro | Ile | Ile | Ala | Arg | Glu | Leu | Arg | Gly | Ser | | |
| | 195 | | | | | 200 | | | | | | 205 | | | | | |
| Ile | Thr | Asp | Ala | Met | Gln | Pro | Gln | Gln | Leu | His | Ala | Ser | Glu | Val | Leu | | |
| | 210 | | | | 215 | | | | | | 220 | | | | | | |
| Ser | Ser | Gly | Phe | Arg | Leu | Ser | Trp | Pro | Pro | Leu | Leu | Thr | Ala | Asp | Ser | | |
| 225 | | | | 230 | | | | | | 235 | | | | | 240 | | |
| Gly | Tyr | Tyr | Val | Leu | Glu | Leu | Val | Pro | Ser | Gly | Lys | Leu | Ala | Thr | Thr | | |
| | | | 245 | | | | | 250 | | | | | | 255 | | | |
| Arg | Arg | Gln | Gln | Leu | Pro | Gly | Asn | Ala | Thr | Ser | Trp | Thr | Trp | Thr | Asp | | |
| | | 260 | | | | | 265 | | | | | | 270 | | | | |
| Leu | Asp | Pro | Asp | Thr | Asp | Tyr | Glu | Val | Ser | Leu | Leu | Pro | Glu | Ser | Asn | | |
| | 275 | | | | | 280 | | | | | | 285 | | | | | |
| Val | His | Leu | Leu | Arg | Pro | Gln | His | Val | Arg | Val | Arg | Thr | Leu | Gln | Glu | | |
| | 290 | | | | 295 | | | | | 300 | | | | | | | |
| Glu | Ala | Gly | Pro | Glu | Arg | Ile | Val | Ile | Ser | His | Ala | Arg | Pro | Arg | Ser | | |
| 305 | | | | 310 | | | | | 315 | | | | | 320 | | | |
| Leu | Arg | Val | Ser | Trp | Ala | Pro | Ala | Leu | Gly | Pro | Asp | Ser | Ala | Leu | Gly | | |
| | | | 325 | | | | | 330 | | | | | | 335 | | | |
| Tyr | His | Val | Gln | Leu | Gly | Pro | Leu | Gln | Gly | Gly | Ser | Leu | Glu | Arg | Val | | |
| | | | 340 | | | | | 345 | | | | | 350 | | | | |
| Glu | Val | Pro | Ala | Gly | Gln | Asn | Ser | Thr | Thr | Val | Gln | Gly | Leu | Thr | Pro | | |
| | 355 | | | | | 360 | | | | | 365 | | | | | | |
| Cys | Thr | Thr | Tyr | Leu | Val | Thr | Val | Thr | Ala | Ala | Phe | Arg | Ser | Gly | Arg | | |
| | 370 | | | | | 375 | | | | | 380 | | | | | | |
| Gln | Arg | Ala | Leu | Ser | Ala | Lys | Ala | Cys | Thr | Ala | Ser | Gly | Ala | Arg | Thr | | |
| 385 | | | | 390 | | | | | 395 | | | | | 400 | | | |
| Arg | Ala | Pro | Gln | Ser | Met | Arg | Pro | Glu | Ala | Gly | Pro | Arg | Glu | Pro | | | |
| | | | 405 | | | | | 410 | | | | | 415 | | | | |

<210> 22

<211> 182

<212> PRT

<213> Artificial sequence

<220>

<223> VA domain from collagen XIV

<400> 22

| | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| Ile | Ala | Asp | Ile | Val | Ile | Leu | Val | Asp | Gly | Ser | Trp | Ser | Ile | Gly | Arg | | |
| 1 | | | | 5 | | | | 10 | | | | | 15 | | | | |
| Phe | Asn | Phe | Arg | Leu | Val | Arg | Leu | Phe | Leu | Glu | Asn | Leu | Val | Ser | Ala | | |
| | | 20 | | | | | 25 | | | | | 30 | | | | | |
| Phe | Asn | Val | Gly | Ser | Glu | Lys | Thr | Arg | Val | Gly | Leu | Ala | Gln | Tyr | Ser | | |
| | | 35 | | | | 40 | | | | | 45 | | | | | | |
| Gly | Asp | Pro | Arg | Ile | Glu | Trp | His | Leu | Asn | Ala | Tyr | Gly | Thr | Lys | Asp | | |
| 50 | | | | | 55 | | | | 60 | | | | | | | | |
| Ala | Val | Leu | Asp | Ala | Val | Arg | Asn | Leu | Pro | Tyr | Lys | Gly | Gly | Asn | Thr | | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 65 | | | | | 70 | | | | | 75 | | | | | 80 |
| Leu | Thr | Gly | Leu | Ala | Leu | Thr | Tyr | Ile | Leu | Glu | Asn | Ser | Phe | Lys | Pro |
| | | | | 85 | | | | | 90 | | | | | 95 | |
| Glu | Ala | Gly | Ala | Arg | Pro | Gly | Val | Ser | Lys | Ile | Gly | Ile | Leu | Ile | Thr |
| | | | 100 | | | | | 105 | | | | | 110 | | |
| Asp | Gly | Lys | Ser | Gln | Asp | Asp | Val | Ile | Pro | Pro | Ala | Lys | Asn | Leu | Arg |
| | | 115 | | | | | 120 | | | | | 125 | | | |
| Asp | Ala | Gly | Ile | Glu | Leu | Phe | Ala | Ile | Gly | Val | Lys | Asn | Ala | Asp | Ile |
| | 130 | | | | | 135 | | | | | 140 | | | | |
| Asn | Glu | Leu | Lys | Glu | Ile | Ala | Ser | Glu | Pro | Asp | Ser | Thr | His | Val | Tyr |
| 145 | | | | | 150 | | | | | 155 | | | | | 160 |
| Asn | Val | Ala | Asp | Phe | Asn | Phe | Met | Asn | Ser | Ile | Val | Glu | Gly | Leu | Thr |
| | | | | 165 | | | | | 170 | | | | | 175 | |
| Arg | Thr | Val | Cys | Ser | Arg | | | | | | | | | | |
| | | | 180 | | | | | | | | | | | | |

<210> 23
 <211> 183
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> VA domain from collagen VII

| | | | | | | | | | | | | | | | |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <400> 23 | | | | | | | | | | | | | | | |
| Ala | Ala | Asp | Ile | Val | Phe | Leu | Leu | Asp | Gly | Ser | Ser | Ser | Ile | Gly | Arg |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |
| Ser | Asn | Phe | Arg | Glu | Val | Arg | Ser | Phe | Leu | Glu | Gly | Leu | Val | Leu | Pro |
| | | | 20 | | | | | 25 | | | | | 30 | | |
| Phe | Ser | Gly | Ala | Ala | Ser | Ala | Gln | Gly | Val | Arg | Phe | Ala | Thr | Val | Gln |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Tyr | Ser | Asp | Asp | Pro | Arg | Thr | Glu | Phe | Gly | Leu | Asp | Ala | Leu | Gly | Ser |
| | 50 | | | | | 55 | | | | | 60 | | | | |
| Gly | Gly | Asp | Val | Ile | Arg | Ala | Ile | Arg | Glu | Leu | Ser | Tyr | Lys | Gly | Gly |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 |
| Asn | Thr | Arg | Thr | Gly | Ala | Ala | Ile | Leu | His | Val | Ala | Asp | His | Val | Phe |
| | | | | 85 | | | | | 90 | | | | | 95 | |
| Leu | Pro | Gln | Leu | Ala | Arg | Pro | Gly | Val | Pro | Lys | Val | Cys | Ile | Leu | Ile |
| | | | 100 | | | | | 105 | | | | | 110 | | |
| Thr | Asp | Gly | Lys | Ser | Gln | Asp | Leu | Val | Asp | Thr | Ala | Ala | Gln | Arg | Leu |
| | | 115 | | | | | 120 | | | | | 125 | | | |
| Lys | Gly | Gln | Gly | Val | Lys | Leu | Phe | Ala | Val | Gly | Ile | Lys | Asn | Ala | Asp |
| | 130 | | | | | 135 | | | | | 140 | | | | |
| Pro | Glu | Glu | Leu | Lys | Arg | Val | Ala | Ser | Gln | Pro | Thr | Ser | Asp | Phe | Phe |
| 145 | | | | | 150 | | | | | 155 | | | | | 160 |
| Phe | Phe | Val | Asn | Asp | Phe | Ser | Ile | Leu | Arg | Thr | Leu | Leu | Pro | Leu | Val |
| | | | | 165 | | | | | 170 | | | | | 175 | |
| Ser | Arg | Arg | Val | Cys | Thr | Thr | | | | | | | | | |
| | | | 180 | | | | | | | | | | | | |

<210> 24
 <211> 182
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> VA domain from collagen XII

<400> 24

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Ala | Asp | Ile | Val | Phe | Leu | Thr | Asp | Ala | Ser | Trp | Ser | Ile | Gly | Asp |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |
| Asp | Asn | Phe | Asn | Lys | Val | Val | Lys | Phe | Ile | Phe | Asn | Thr | Val | Gly | Ala |
| | | | 20 | | | | | 25 | | | | | 30 | | |
| Phe | Asp | Glu | Val | Asn | Pro | Ala | Gly | Ile | Gln | Val | Ser | Phe | Val | Gln | Tyr |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Ser | Asp | Glu | Val | Lys | Ser | Glu | Phe | Lys | Leu | Asn | Thr | Tyr | Asn | Asp | Lys |
| | 50 | | | | | 55 | | | | | 60 | | | | |
| Ala | Leu | Ala | Leu | Gly | Ala | Leu | Gln | Asn | Ile | Arg | Tyr | Arg | Gly | Gly | Asn |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 |
| Thr | Arg | Thr | Gly | Lys | Ala | Leu | Thr | Phe | Ile | Lys | Glu | Lys | Val | Leu | Thr |
| | | | | 85 | | | | | 90 | | | | | 95 | |
| Trp | Glu | Ser | Gly | Met | Arg | Lys | Asn | Val | Arg | Val | Leu | Gly | Val | Val | Thr |
| | | | 100 | | | | | 105 | | | | | 110 | | |
| Asp | Gly | Arg | Ser | Gln | Asp | Glu | Val | Lys | Lys | Ala | Ala | Phe | Val | Ile | Gln |
| | | 115 | | | | | 120 | | | | | 125 | | | |
| Gln | Ser | Gly | Phe | Ser | Val | Phe | Val | Val | Gly | Val | Ala | Asp | Val | Asp | Tyr |
| | 130 | | | | | 135 | | | | | 140 | | | | |
| Asn | Glu | Leu | Ala | Asn | Ile | Ala | Ser | Lys | Pro | Ser | Glu | Arg | His | Val | Phe |
| 145 | | | | | 150 | | | | | 155 | | | | | 160 |
| Ile | Val | Asp | Asp | Phe | Glu | Ser | Phe | Glu | Lys | Ile | Glu | Asp | Asn | Leu | Ile |
| | | | | 165 | | | | | 170 | | | | | 175 | |
| Thr | Phe | Val | Cys | Glu | Thr | | | | | | | | | | |
| | | | 180 | | | | | | | | | | | | |

<210> 25

<211> 185

<212> PRT

<213> Artificial Sequence

<220>

<223> VA domain from collagen VI

<400> 25

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ala | Ala | Asp | Ile | Val | Phe | Leu | Val | Asp | Ser | Ser | Trp | Ser | Ala | Gly | Lys |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |
| Asp | Arg | Phe | Leu | Leu | Val | Gln | Glu | Phe | Leu | Ser | Asp | Val | Val | Glu | Ser |
| | | | 20 | | | | | 25 | | | | | 30 | | |
| Leu | Ala | Val | Gly | Asp | Asn | Asp | Phe | His | Phe | Ala | Leu | Val | Arg | Leu | Asn |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Gly | Asn | Pro | His | Thr | Glu | Phe | Leu | Leu | Asn | Thr | Tyr | His | Ser | Lys | Gln |
| | 50 | | | | | 55 | | | | | 60 | | | | |
| Glu | Val | Leu | Ser | His | Ile | Ala | Asn | Met | Ser | Tyr | Ile | Gly | Gly | Ser | Asn |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 |
| Gln | Thr | Gly | Lys | Gly | Leu | Glu | Tyr | Val | Ile | His | Ser | His | Leu | Thr | Glu |
| | | | | 85 | | | | | 90 | | | | | 95 | |
| Ala | Ser | Gly | Ser | Arg | Ala | Ala | Asp | Gly | Val | Pro | Gln | Val | Ile | Val | Val |
| | | | 100 | | | | | 105 | | | | | 110 | | |
| Leu | Thr | Asp | Gly | Gln | Ser | Glu | Asp | Gly | Phe | Ala | Leu | Pro | Ser | Ala | Glu |
| | | 115 | | | | | 120 | | | | | 125 | | | |
| Leu | Lys | Ser | Ala | Asp | Val | Asn | Val | Phe | Ala | Val | Gly | Val | Glu | Gly | Ala |
| | 130 | | | | | 135 | | | | | 140 | | | | |
| Asp | Glu | Arg | Ala | Leu | Gly | Glu | Val | Ala | Ser | Glu | Pro | Leu | Leu | Ser | Met |
| 145 | | | | | 150 | | | | | 155 | | | | | 160 |
| His | Val | Phe | Asn | Leu | Glu | Asn | Val | Thr | Ser | Leu | His | Gly | Leu | Val | Gly |
| | | | | 165 | | | | | 170 | | | | | 175 | |

Asn Leu Val Ser Cys Ile His Ser Ser
 180 185

<210> 26
 <211> 185
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> VA domain from matriline-2

<400> 26
 Arg Ala Asp Leu Val Phe Ile Ile Asp Ser Ser Arg Ser Val Asn Thr
 1 5 10 15
 Tyr Asp Tyr Ala Lys Val Lys Glu Phe Ile Leu Asp Ile Leu Gln Phe
 20 25 30
 Leu Asp Ile Gly Pro Asp Val Thr Arg Val Gly Leu Leu Gln Tyr Gly
 35 40 45
 Ser Thr Val Lys Asn Glu Phe Ser Leu Lys Thr Phe Lys Arg Lys Ser
 50 55 60
 Glu Val Glu Arg Ala Val Lys Arg Met Arg His Leu Ser Thr Gly Thr
 65 70 75 80
 Met Thr Gly Leu Ala Ile Gln Tyr Ala Leu Asn Ile Ala Phe Ser Glu
 85 90 95
 Ala Glu Gly Ala Arg Pro Leu Arg Glu Asn Val Pro Arg Ile Ile Met
 100 105 110
 Ile Val Thr Asp Gly Arg Pro Gln Asp Ser Val Ala Glu Val Ala Ala
 115 120 125
 Lys Ala Arg Asn Thr Gly Ile Leu Ile Phe Ala Ile Gly Val Gly Gln
 130 135 140
 Val Asp Leu Asn Thr Leu Lys Ala Ile Gly Ser Glu Pro His Lys Asp
 145 150 155 160
 His Val Phe Leu Val Ala Asn Phe Ser Gln Ile Glu Ser Leu Thr Ser
 165 170 175
 Val Phe Gln Asn Lys Leu Cys Thr Val
 180 185

<210> 27
 <211> 184
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> VA domain from matriline-4

<400> 27
 Pro Leu Asp Leu Val Phe Met Ile Asp Ser Ser Arg Ser Val Arg Pro
 1 5 10 15
 Phe Glu Phe Glu Thr Met Arg Gln Phe Leu Val Gly Leu Leu Arg Ser
 20 25 30
 Leu Asp Val Gly Leu Asn Ala Thr Arg Val Gly Val Ile Gln Tyr Ser
 35 40 45
 Ser Gln Val Gln Ser Val Phe Pro Leu Gly Ala Phe Ser Arg Arg Glu
 50 55 60
 Asp Met Glu Arg Ala Ile Arg Ala Val Val Pro Leu Ala Gln Gly Thr
 65 70 75 80
 Met Thr Gly Leu Ala Ile Gln Tyr Ala Met Asn Val Ala Phe Ser Glu

| | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| | | | | 85 | | | | | 90 | | | | | 95 | | | |
| Ala | Glu | Gly | Ala | Arg | Pro | Ser | Glu | Glu | Arg | Val | Pro | Arg | Val | Leu | Val | | |
| | | | 100 | | | | | 105 | | | | | 110 | | | | |
| Ile | Val | Thr | Asp | Gly | Arg | Pro | Gln | Asp | Arg | Val | Ala | Glu | Val | Ala | Ala | | |
| | | 115 | | | | | 120 | | | | | 125 | | | | | |
| Gln | Ala | Arg | Ala | Arg | Gly | Ile | Glu | Ile | Tyr | Ala | Val | Gly | Val | Gln | Arg | | |
| | 130 | | | | | 135 | | | | | 140 | | | | | | |
| Ala | Asp | Val | Gly | Ser | Leu | Arg | Thr | Met | Ala | Ser | Pro | Pro | Leu | Asp | Gln | | |
| 145 | | | | | 150 | | | | | 155 | | | | | 160 | | |
| His | Val | Phe | Leu | Val | Glu | Ser | Phe | Asp | Ile | Gln | Glu | Phe | Gly | Leu | Gln | | |
| | | | 165 | | | | | 170 | | | | | | 175 | | | |
| Phe | Gln | Gly | Arg | Leu | Cys | Gly | Lys | | | | | | | | | | |
| | | | 180 | | | | | | | | | | | | | | |

<210> 28
 <211> 185
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> VA domain from matrilin-3

| | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| | | | | | | | | | | | | | | | | | |
| Pro | Leu | Asp | Leu | Val | Phe | Ile | Ile | Asp | Ser | Ser | Arg | Ser | Val | Arg | Pro | | |
| 1 | | | | 5 | | | | 10 | | | | | | 15 | | | |
| Leu | Glu | Phe | Thr | Lys | Val | Lys | Thr | Phe | Val | Ser | Arg | Ile | Ile | Asp | Thr | | |
| | | | 20 | | | | | 25 | | | | | 30 | | | | |
| Leu | Asp | Ile | Gly | Ala | Thr | Asp | Thr | Arg | Val | Ala | Val | Val | Asn | Tyr | Ala | | |
| | 35 | | | | | | 40 | | | | | 45 | | | | | |
| Ser | Thr | Val | Lys | Ile | Glu | Phe | Gln | Leu | Asn | Thr | Tyr | Ser | Asp | Lys | Gln | | |
| | 50 | | | | | 55 | | | | 60 | | | | | | | |
| Ala | Leu | Lys | Gln | Ala | Val | Ala | Arg | Ile | Thr | Pro | Leu | Ser | Thr | Gly | Thr | | |
| 65 | | | | 70 | | | | 75 | | | | | | 80 | | | |
| Met | Ser | Gly | Leu | Ala | Ile | Gln | Thr | Ala | Met | Glu | Glu | Ala | Phe | Thr | Val | | |
| | | | 85 | | | | | 90 | | | | | 95 | | | | |
| Glu | Ala | Gly | Ala | Arg | Gly | Pro | Met | Ser | Asn | Ile | Pro | Lys | Val | Ala | Ile | | |
| | | | 100 | | | | | 105 | | | | | 110 | | | | |
| Ile | Val | Thr | Asp | Gly | Arg | Pro | Gln | Asp | Gln | Val | Asn | Glu | Val | Ala | Ala | | |
| | 115 | | | | | | 120 | | | | | 125 | | | | | |
| Arg | Ala | Arg | Ala | Ser | Gly | Ile | Glu | Leu | Tyr | Ala | Val | Gly | Val | Asp | Arg | | |
| | 130 | | | | 135 | | | | | | 140 | | | | | | |
| Ala | Asp | Met | Glu | Ser | Leu | Lys | Met | Met | Ala | Ser | Lys | Pro | Leu | Glu | Glu | | |
| 145 | | | | | 150 | | | | | 155 | | | | | 160 | | |
| His | Val | Phe | Tyr | Val | Glu | Thr | Tyr | Gly | Val | Ile | Glu | Lys | Leu | Ser | Ala | | |
| | | | 165 | | | | | 170 | | | | | | 175 | | | |
| Arg | Phe | Gln | Glu | Thr | Pro | Cys | Ala | Leu | | | | | | | | | |
| | | | 180 | | | | | 185 | | | | | | | | | |

<210> 29
 <211> 185
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> VA domain from matrilin-1

<400> 29

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pro | Thr | Asp | Leu | Val | Phe | Val | Val | Asp | Ser | Ser | Arg | Ser | Val | Arg | Pro |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |
| Val | Glu | Phe | Glu | Lys | Val | Lys | Val | Phe | Leu | Ser | Gln | Val | Ile | Glu | Ser |
| | | | 20 | | | | | 25 | | | | | 30 | | |
| Leu | Asp | Val | Gly | Pro | Asn | Ala | Thr | Arg | Val | Gly | Leu | Val | Asn | Tyr | Ala |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Ser | Thr | Val | Lys | Pro | Glu | Phe | Pro | Leu | Arg | Ala | His | Gly | Ser | Lys | Ala |
| | 50 | | | | | 55 | | | | | 60 | | | | |
| Ser | Leu | Leu | Gln | Ala | Val | Arg | Arg | Ile | Gln | Pro | Leu | Ser | Thr | Gly | Thr |
| 65 | | | | | 70 | | | | 75 | | | | | 80 | |
| Met | Thr | Gly | Leu | Ala | Leu | Gln | Phe | Ala | Ile | Thr | Lys | Ala | Leu | Ser | Asp |
| | | | | 85 | | | | | 90 | | | | | 95 | |
| Ala | Glu | Gly | Gly | Arg | Ala | Arg | Ser | Pro | Asp | Ile | Ser | Lys | Val | Val | Ile |
| | | | 100 | | | | | 105 | | | | | 110 | | |
| Val | Val | Thr | Asp | Gly | Arg | Pro | Gln | Asp | Ser | Val | Arg | Asp | Val | Ser | Glu |
| | | 115 | | | | | 120 | | | | | 125 | | | |
| Arg | Ala | Arg | Ala | Ser | Gly | Ile | Glu | Leu | Phe | Ala | Ile | Gly | Leu | Gly | Arg |
| | 130 | | | | | 135 | | | | | 140 | | | | |
| Val | Asp | Lys | Ala | Thr | Leu | Arg | Gln | Ile | Ala | Ser | Glu | Pro | Gln | Asp | Glu |
| 145 | | | | | 150 | | | | | 155 | | | | | 160 |
| His | Val | Asp | Tyr | Val | Glu | Ser | Tyr | Asn | Val | Ile | Glu | Lys | Leu | Ala | Lys |
| | | | | 165 | | | | | 170 | | | | | 175 | |
| Lys | Phe | Gln | Glu | Ala | Phe | Cys | Val | Val | | | | | | | |
| | | | 180 | | | | | 185 | | | | | | | |

<210> 30

<211> 193

<212> PRT

<213> Artificial Sequence

<220>

<223> VA domain from VLA

<400> 30

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gln | Leu | Asp | Ile | Val | Ile | Val | Leu | Asp | Gly | Ser | Asn | Ser | Ile | Tyr | Pro |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |
| Trp | Asp | Ser | Val | Thr | Ala | Phe | Leu | Asn | Asp | Leu | Leu | Lys | Arg | Met | Asp |
| | | | 20 | | | | | 25 | | | | | 30 | | |
| Ile | Gly | Pro | Lys | Gln | Thr | Gln | Val | Gly | Ile | Val | Gln | Tyr | Gly | Glu | Asn |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Val | Thr | His | Glu | Phe | Asn | Leu | Asn | Lys | Tyr | Ser | Ser | Thr | Glu | Glu | Val |
| | 50 | | | | | 55 | | | | | 60 | | | | |
| Leu | Val | Ala | Ala | Lys | Lys | Ile | Val | Gln | Arg | Gly | Gly | Arg | Gln | Thr | Met |
| 65 | | | | | 70 | | | | 75 | | | | | 80 | |
| Thr | Ala | Leu | Gly | Thr | Asp | Thr | Ala | Arg | Lys | Glu | Ala | Phe | Thr | Glu | Ala |
| | | | | 85 | | | | | 90 | | | | | 95 | |
| Arg | Gly | Ala | Arg | Arg | Gly | Val | Lys | Lys | Val | Met | Val | Ile | Val | Thr | Asp |
| | | | 100 | | | | | 105 | | | | | 110 | | |
| Gly | Glu | Ser | His | Asp | Asn | His | Arg | Leu | Lys | Lys | Val | Ile | Gln | Asp | Cys |
| | | 115 | | | | | 120 | | | | | 125 | | | |
| Glu | Asp | Glu | Asn | Ile | Gln | Arg | Phe | Ser | Ile | Ala | Ile | Leu | Gly | Ser | Tyr |
| | 130 | | | | | 135 | | | | | 140 | | | | |
| Asn | Arg | Gly | Asn | Leu | Ser | Thr | Glu | Lys | Phe | Val | Glu | Glu | Ile | Lys | Ser |
| 145 | | | | | 150 | | | | | 155 | | | | | 160 |
| Ile | Ala | Ser | Glu | Pro | Thr | Glu | Lys | His | Phe | Phe | Asn | Val | Ser | Asp | Glu |
| | | | | 165 | | | | | 170 | | | | | 175 | |
| Leu | Ala | Leu | Val | Thr | Ile | Val | Lys | Thr | Leu | Gly | Glu | Arg | Ile | Phe | Ala |
| | | | 180 | | | | | 185 | | | | | 190 | | |

Leu

<210> 31
<211> 181
<212> PRT
<213> Artificial Sequence

<220>
<223> VA domain from WARP

<400> 31
Gln Gly Asp Leu Leu Phe Leu Leu Asp Ser Ser Ala Ser Val Ser His
1 5 10 15
Tyr Glu Phe Ser Arg Val Arg Glu Phe Val Gly Gln Leu Val Ala Thr
20 25 30
Met Ser Phe Gly Pro Gly Ala Leu Arg Ala Ser Leu Val His Val Gly
35 40 45
Ser Gln Pro His Thr Glu Phe Thr Phe Asp Gln Tyr Ser Ser Gly Gln
50 55 60
Ala Ile Arg Asp Ala Ile Arg Val Ala Pro Gln Arg Met Gly Asp Thr
65 70 75 80
Asn Thr Gly Leu Ala Leu Ala Tyr Ala Lys Glu Gln Leu Phe Ala Glu
85 90 95
Glu Ala Gly Ala Arg Pro Gly Val Pro Lys Val Leu Val Trp Val Thr
100 105 110
Asp Gly Gly Ser Ser Asp Pro Val Gly Pro Pro Met Gln Glu Leu Lys
115 120 125
Asp Leu Gly Val Thr Ile Phe Ile Val Ser Thr Gly Arg Gly Asn Leu
130 135 140
Leu Glu Leu Leu Ala Ala Ser Ala Pro Ala Glu Lys His Leu His
145 150 155 160
Phe Val Asp Val Asp Asp Leu Pro Ile Ile Ala Arg Glu Leu Arg Gly
165 170 175
Ser Ile Thr Asp Ala
180

<210> 32
<211> 184
<212> PRT
<213> Artificial Sequence

<220>
<223> VA domain from cochlin

<400> 32
Lys Ala Asp Ile Ala Phe Leu Ile Asp Gly Ser Tyr Asn Ile Gly Gln
1 5 10 15
Arg Arg Phe Asn Leu Gln Lys Asn Phe Val Gly Lys Val Ala Val Met
20 25 30
Leu Gly Ile Gly Thr Glu Gly Pro His Val Gly Val Val Gln Ala Ser
35 40 45
Glu His Pro Lys Ile Glu Phe Tyr Leu Lys Asn Phe Thr Ala Ala Lys
50 55 60
Glu Val Leu Phe Ala Ile Lys Glu Leu Gly Phe Arg Gly Gly Asn Ser
65 70 75 80
Asn Thr Gly Lys Ala Leu Lys His Ala Ala Gln Lys Phe Phe Ser Met

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | | | | 85 | | | | | 90 | | | | | 95 | | |
| Glu | Asn | Gly | Ala | Arg | Lys | Gly | Ile | Pro | Lys | Ile | Ile | Val | Val | Phe | Leu | |
| | | | 100 | | | | | 105 | | | | | 110 | | | |
| Asp | Gly | Trp | Pro | Ser | Asp | Asp | Leu | Glu | Glu | Ala | Gly | Ile | Val | Ala | Arg | |
| | | 115 | | | | | 120 | | | | | 125 | | | | |
| Glu | Phe | Gly | Val | Asn | Val | Phe | Ile | Val | Ser | Ser | Val | Ala | Lys | Pro | Thr | |
| | 130 | | | | | 135 | | | | | 140 | | | | | |
| Thr | Glu | Glu | Leu | Gly | Met | Val | Gln | Asp | Ile | Gly | Phe | Ile | Asp | Lys | Ala | |
| 145 | | | | | 150 | | | | | 155 | | | | | 160 | |
| Val | Cys | Arg | Asn | Asn | Gly | Phe | Phe | Ser | Tyr | Gln | Met | Pro | Ser | Trp | Phe | |
| | | | 165 | | | | | | 170 | | | | | 175 | | |
| Gly | Thr | Thr | Lys | Tyr | Val | Lys | Pro | | | | | | | | | |
| | | | 180 | | | | | | | | | | | | | |

<210> 33
 <211> 186
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> VA domain from vwf

| | | | | | | | | | | | | | | | | |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| <400> 33 | | | | | | | | | | | | | | | | |
| Leu | Leu | Asp | Leu | Val | Phe | Leu | Leu | Asp | Gly | Ser | Ser | Arg | Leu | Ser | Glu | |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | | |
| Ala | Glu | Phe | Glu | Val | Leu | Lys | Ala | Phe | Val | Val | Asp | Met | Met | Glu | Arg | |
| | | | 20 | | | | | 25 | | | | | 30 | | | |
| Leu | Arg | Ile | Ser | Gln | Lys | Trp | Val | Arg | Val | Ala | Val | Val | Glu | Tyr | His | |
| | | 35 | | | | | 40 | | | | | 45 | | | | |
| Asp | Gly | Ser | His | Ala | Tyr | Ile | Gly | Leu | Lys | Asp | Arg | Lys | Arg | Pro | Ser | |
| | 50 | | | | | 55 | | | | 60 | | | | | | |
| Glu | Leu | Arg | Arg | Ile | Ala | Ser | Gln | Val | Lys | Tyr | Ala | Gly | Ser | Gln | Val | |
| 65 | | | | 70 | | | | | 75 | | | | | 80 | | |
| Ala | Ser | Thr | Ser | Glu | Val | Leu | Lys | Tyr | Thr | Leu | Phe | Gln | Ile | Phe | Ser | |
| | | | 85 | | | | | 90 | | | | | 95 | | | |
| Lys | Ile | Asp | Arg | Pro | Glu | Ala | Ser | Arg | Ile | Ala | Leu | Leu | Leu | Met | Ala | |
| | | 100 | | | | | | 105 | | | | | 110 | | | |
| Ser | Gln | Glu | Pro | Gln | Arg | Met | Ser | Arg | Asn | Phe | Val | Arg | Tyr | Val | Gln | |
| | | 115 | | | | | 120 | | | | | 125 | | | | |
| Gly | Leu | Lys | Lys | Lys | Lys | Val | Ile | Val | Ile | Pro | Val | Gly | Ile | Gly | Pro | |
| | 130 | | | | | 135 | | | | | 140 | | | | | |
| His | Ala | Asn | Leu | Lys | Gln | Ile | Arg | Leu | Ile | Glu | Lys | Gln | Ala | Pro | Glu | |
| 145 | | | | 150 | | | | | | 155 | | | | | 160 | |
| Asn | Lys | Ala | Phe | Val | Leu | Ser | Ser | Val | Asp | Glu | Leu | Glu | Gln | Gln | Arg | |
| | | | 165 | | | | | | 170 | | | | | 175 | | |
| Asp | Glu | Ile | Val | Ser | Tyr | Leu | Cys | Asp | Leu | | | | | | | |
| | | | 180 | | | | | 185 | | | | | | | | |

<210> 34
 <211> 85
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> F3-3 repeats from collagen XII

<400> 34

```

Pro Arg Asn Leu Lys Val Thr Asp Glu Thr Thr Asp Ser Phe Lys Ile
 1           5           10           15
Thr Trp Thr Gln Ala Pro Gly Arg Val Leu Arg Tyr Arg Ile Ile Tyr
          20           25           30
Arg Pro Val Ala Gly Gly Glu Ser Arg Glu Val Thr Thr Pro Pro Asn
          35           40           45
Gln Arg Arg Arg Thr Leu Glu Asn Leu Ile Pro Asp Thr Lys Tyr Glu
          50           55           60
Val Ser Val Ile Pro Glu Tyr Phe Ser Gly Pro Gly Thr Pro Leu Thr
65          70          75          80
Gly Asn Ala Ala Thr
          85

```

<210> 35
 <211> 86
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> F3-12 repeats from fibronectin

```

<400> 35
Pro Ser Gln Met Gln Val Thr Asp Val Gln Asp Asn Ser Ile Ser Val
 1           5           10           15
Arg Trp Leu Pro Ser Thr Ser Pro Val Thr Gly Tyr Arg Val Thr Thr
          20           25           30
Thr Pro Lys Asn Gly Leu Gly Pro Ser Lys Thr Lys Thr Ala Ser Pro
          35           40           45
Asp Gln Thr Glu Met Thr Ile Glu Gly Leu Gln Pro Thr Val Glu Tyr
          50           55           60
Val Val Ser Val Tyr Ala Gln Asn Arg Asn Gly Glu Ser Gln Pro Leu
65          70          75          80
Val Gln Thr Ala Val Thr
          85

```

<210> 36
 <211> 87
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> F3-2 repeats from WARP

```

<400> 36
Pro Glu Arg Ile Val Ile Ser His Ala Arg Pro Arg Ser Leu Arg Val
 1           5           10           15
Ser Trp Ala Pro Ala Leu Gly Pro Asp Ser Ala Leu Gly Tyr His Val
          20           25           30
Gln Leu Gly Pro Leu Gln Gly Gly Ser Leu Glu Arg Val Glu Val Pro
          35           40           45
Ala Gly Gln Asn Ser Thr Thr Val Gln Gly Leu Thr Pro Cys Thr Thr
          50           55           60
Tyr Leu Val Thr Val Thr Ala Ala Phe Arg Ser Gly Arg Gln Arg Ala
65          70          75          80
Leu Ser Ala Lys Ala Cys Thr
          85

```

<210> 37
 <211> 88
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> F3-3 repeats from beta-4 integrin

<400> 37
 Pro Thr Arg Leu Val Phe Ser Ala Leu Gly Pro Thr Ser Leu Arg Val
 1 5 10 15
 Ser Trp Gln Glu Pro Arg Cys Glu Arg Pro Leu Gln Gly Tyr Ser Val
 20 25 30
 Glu Tyr Gln Leu Leu Asn Gly Gly Glu Leu His Arg Leu Asn Ile Pro
 35 40 45
 Asn Pro Ala Gln Thr Ser Val Val Val Glu Asp Leu Leu Pro Asn His
 50 55 60
 Ser Tyr Val Phe Arg Val Arg Ala Gln Ser Gln Glu Gly Trp Gly Arg
 65 70 75 80
 Glu Arg Glu Gly Val Ile Thr Ile
 85

<210> 38
 <211> 85
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> F3-5 repeat from collagen XIV

<400> 38
 Pro Gln His Leu Glu Val Asp Glu Ala Ser Thr Asp Ser Phe Arg Val
 1 5 10 15
 Ser Trp Lys Pro Thr Ser Ser Asp Ile Ala Phe Tyr Arg Leu Ala Trp
 20 25 30
 Ile Pro Leu Asp Gly Gly Glu Ser Glu Glu Val Val Leu Ser Gly Asp
 35 40 45
 Ala Asp Ser Tyr Val Ile Glu Gly Leu Leu Pro Asn Thr Glu Tyr Glu
 50 55 60
 Val Ser Leu Leu Ala Val Phe Asp Asp Glu Thr Glu Ser Glu Val Val
 65 70 75 80
 Ala Val Leu Gly Ala
 85

<210> 39
 <211> 85
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> F3-7 repeat from tenascin-R

<400> 39
 Pro Lys Asp Ile Thr Ile Ser Asn Val Thr Lys Asp Ser Val Met Val
 1 5 10 15
 Ser Trp Ser Pro Pro Val Ala Ser Phe Asp Tyr Tyr Arg Val Ser Tyr

